



ENERGY AND ENVIRONMENT CABINET

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Required Documents for Limited use ATP Application Package

Laboratories seeking approval for a limited use Alternate Test Procedure (ATP) shall be approved in accordance with requirements specified under 40 CFR 136.5.

Enumerated below are application requirements for laboratories that wish to obtain approval for a limited use ATP. The following documents must be received by the Kentucky Division of Water Laboratory Certification Program for review before a recommendation can be made to EPA Region 4.

1. A request letter on company letterhead must be submitted and should include:
 - a. Laboratory name and address – mailing and physical address;
 - b. Laboratory contact information;
 - c. Name, address and KPDES permit for which use of the ATP is being requested;
 - d. Identification of the pollutant and method to be modified;
 - e. Identification of alternate test procedure and method to be modified.
2. Comparison table provided by ATP developer to include:
 - a. Number and title of method;
 - b. Latest revision date of modified method;
 - c. Modified method and EPA approved method topics discussed on separate row of table with differences highlighted.
3. Justification for using testing procedures other than those specified in 40CFR Tables 1A through 1H of 136.3 or in the NPDES permit.
 - a. Provide a copy of data comparing the modified method performance to the approved method to demonstrate the method is capable of yielding reliable data that meets required reporting limits for compliance monitoring purposes;
 - b. Demonstration of equivalency by showing that the modified method results meets or exceed the QC acceptance criteria of the EPA-designated approved method.
4. Initial Demonstration of Capability:
 - a. Analyst name and instrument ID specified;
 - b. Required reporting limit and units correctly listed;
 - c. Comparable results using 4 representative effluents performed on different days;
 - d. Each IDC within +/- 20% of the mean;
 - e. % RSD <15%

5. Method Detection Limit (MDL):
 - a. Analyst name and instrument ID specified;
 - b. Required reporting limit and units correctly listed;
 - c. Analyze 7 laboratory fortified blanks over 2 to 3 non-consecutive days;
 - d. Spike concentrations 3-5 times the expected minimum reporting limit (MRL);
 - e. Calculated MDL <10x spike concentration;
 - f. MDL < MRL < Required Reporting Limit (RRL)
6. Laboratory copy of a successful PT study for the requested analyte using the ATP method.
7. A copy of the ATP written in EPA format.
 - a. To be provided by developer;
 - b. Standard EPA format: <http://www.epa.gov/waterscience/methods>
8. Detailed laboratory standard operating procedure.

Please submit all required documents listed above along with any other pertinent information to Patrick Garrity at the following address:

Kentucky Laboratory Certification Program
Laboratory Certification Officer
200 Fair Oaks Lane, 4th Floor
Frankfort, KY 40601

For clarification of requirements as listed above, please contact Patrick Garrity with the Division of Water Laboratory Certification Program at 502-564-3410 ext. 4968 or by e-mail at Patrick.Garrity@ky.gov .

Check our drinking water website for useful information at:
<http://water.ky.gov/DrinkingWater/Pages/CertifiedLaboratories.aspx>